

Amendments to the Specification:

Please amend the specification as follows:

Page 6, lines 26-32, replace with the following paragraph:

Fig. 2 shows a region of a corrugated finned metal sheet 11 of a heat exchanger close to the surface in accordance with a second exemplary embodiment. In this case, a conversion layer 14 is provided between a hydrophilic surface coating 12, which contains nanoparticles 13, and the base layer of metal sheet 11. The conversion layer 14 includes, inter alia, mixed oxides of aluminum and zirconium.